

(19) World Intellectual Property  
Organization  
International Bureau



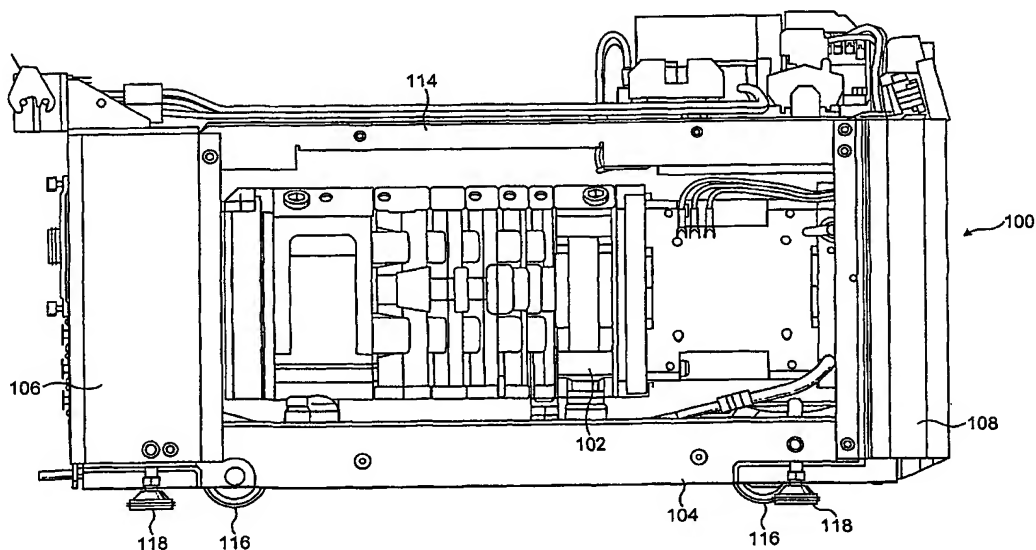
(43) International Publication Date  
6 May 2005 (06.05.2005)

PCT

(10) International Publication Number  
**WO 2005/040613 A1**

- (51) International Patent Classification<sup>7</sup>: **F04B 53/00**, 53/16, 53/08, 17/03, F04D 29/40, 29/60
- (21) International Application Number: PCT/GB2004/004204
- (22) International Filing Date: 1 October 2004 (01.10.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 0324279.9 16 October 2003 (16.10.2003) GB
- (71) Applicant (for all designated States except US): **THE BOC GROUP PLC** [GB/GB]; Chertsey Road, Windlesham, Surrey GU20 6HJ (GB).
- (72) Inventor; and  
(75) Inventor/Applicant (for US only): **SAUNDERS, Robert, John** [GB/GB]; BOC Edwards, Unit 2, 23 Dolphin Road, Shoreham by Sea,, West Sussex BN43 6PY (GB).
- (74) Agent: **BOOTH, Andrew, Steven**; The BOC Group plc, Chertsey Road, Windlesham, Surrey GU20 6HJ (GB).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:  
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PUMP ENCLOSURE



(57) Abstract: A pump enclosure comprises a base, a plurality of pillars, and a cover. One of the pillars comprises interconnecting aluminium extrusions defining therebetween a housing for pump control circuitry. This pillar can also provide a heat sink for dissipating heat generated during use of a pump away from the control circuitry.